

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
		repeater and (splitter same ((amplif\$5 amplification) with loss)	USPAT	OR	OFF	2007/03/30 13:28
		S64 and repeater and regenerat\$4 and demodulate and subscriber\	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 02:07
L1	240	375/111,214.ccis.	USPAT	OR	OFF	2007/04/01 19:10
L2	123	1 and repeater	USPAT	OR	OFF	2007/04/01 18:15
L3	4	2 and splitter	USPAT	OR	OFF	2007/04/01 18:18
L4	909	379/338,339,342,344,345,347.ccis.	USPAT	OR	OFF	2007/04/01 18:32
L5	7	4 and splitter	USPAT	OR	OFF	2007/04/01 18:20
L6	292	379/338,339,342,344,345,347.ccis. and (amplif\$4 amplification)	USPAT	OR	OFF	2007/04/01 18:32
L7	293	379/338,339,342,344,345,347.ccis. and ((amplif\$4 amplification) splitter)	USPAT	OR	OFF	2007/04/01 18:32
L8	3	379/338,339,342,344,345,347.ccis. and ((amplif\$4 amplification) same splitter)	USPAT	OR	OFF	2007/04/01 19:08
L9	0	marshal.in. and capon.in.	USPAT	OR	OFF	2007/04/01 19:08
L10	1	marshall.in. and capon.in.	USPAT	OR	OFF	2007/04/01 19:08
L11	540	375/211,214.ccis.	USPAT	OR	OFF	2007/04/01 19:10
L12	12	375/211,214.ccis. and repeater and splitter	USPAT	OR	OFF	2007/04/01 19:15
L13	1	379/339.ccis.	US-PGPUB	OR	OFF	2007/04/01 19:30
S1	1	(dsl and repeater).ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/13 14:21
S2	8	(\$1dsl and repeater).ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/04/30 15:05
S3	0	"6658049".URPN.	USPAT	OR	OFF	2004/04/30 12:54

## EAST Search History

S4	92	("3532827"   "3821484"   "4002849"   "4282408"   "4438511"   "4665514"   "4679227"   "4731816"   "4757495"   "4782512"   "4833706"   "4841561"   "4949355"   "4980897"   "5025469"   "5054034"   "5119402"   "5134611"   "5185763"   "5198818"   "5199071"   "5202884"   "5206886"   "5214650"   "5222077"   "5228062"   "5247347"   "5282155"   "5285474"   "5293402"   "5295159"   "5331670"   "5337348"   "5339355"   "5341474"   "5345437"   "5367540"   "5371532"   "5379441"   "5390239"   "5400322"   "5404388"   "5408260"   "5408522"   "5408614"   "5410264"   "5410343"   "5414455"   "5414733"   "5422876"   "5428608"   "5430793"   "5440335"   "5442390"   "5453779"   "5461415"   "5461616"   "5461640"   "5469495"   "5475735"   "5477263"   "5479447"   "5495483"   "5504736"   "5504753"   "5506868"   "5513251"   "5521949"   "5528585"   "5546379"   "5555244"   "5574724"   "5583872"   "5598406"   "5600712"   "5602902"   "5631897"   "5649001"   "5668857"   "5678004"   "5687176"   "5737364"   "5756280"   "5757803"   "5770950"   "5781617"   "5799017"   "5812786"   "5852655"   "6021120"   "6282189"   "6466588").PN.	USPAT	OR	OFF	2004/04/30 13:24
S5	0	"200232005".URPN.	USPAT	OR	OFF	2004/04/30 13:27
S6	7	"6236664".URPN.	USPAT	OR	OFF	2004/04/30 14:01
S7	20	("3843844"   "4037066"   "4131766"   "4237551"   "4277655"   "4323733"   "5095528"   "5610922"   "5627501"   "5691718"   "5790174"   "5883941"   "5956323"   "5982785"   "6029048"   "6092122"   "6118766"   "6130882"   "6141330"   "6236664").PN.	USPAT	OR	OFF	2004/04/30 13:45
S8	0	"200232005".URPN.	USPAT	OR	OFF	2004/04/30 13:53
S9	17	("4860308"   "5507033"   "5627501"   "5757803"   "5848150"   "5864800"   "5889856"   "5910970"   "5930340"   "6061392"   "6067316"   "6104236"   "6130916"   "6144659"   "6236664"   "6252900"   "6546090").PN.	USPAT	OR	OFF	2004/04/30 13:58
S10	275	375/211.ccls.	USPAT	OR	OFF	2004/04/30 14:01
S11	5	S10 and \$1dsI	USPAT	OR	OFF	2004/04/30 14:01

## EAST Search History

S12	20	("3843844"   "4037066"   "4131766"   "4237551"   "4277655"   "4323733"   "5095528"   "5610922"   "5627501"   "5691718"   "5790174"   "5883941"   "5956323"   "5982785"   "6029048"   "6092122"   "6118766"   "6130882"   "6141330"   "6236664").PN.	USPAT	OR	OFF	2004/04/30 14:46
S13	7	("4187415"   "4334303"   "4347607"   "4451916"   "5010544"   "5809033"   "5999542").PN.	USPAT	OR	OFF	2005/06/06 10:41
S14	92	("3532827"   "3821484"   "4002849"   "4282408"   "4438511"   "4665514"   "4679227"   "4731816"   "4757495"   "4782512"   "4833706"   "4841561"   "4949355"   "4980897"   "5025469"   "5054034"   "5119402"   "5134611"   "5185763"   "5198818"   "5199071"   "5202884"   "5206886"   "5214650"   "5222077"   "5228062"   "5247347"   "5282155"   "5285474"   "5293402"   "5295159"   "5331670"   "5337348"   "5339355"   "5341474"   "5345437"   "5367540"   "5371532"   "5379441"   "5390239"   "5400322"   "5404388"   "5408260"   "5408522"   "5408614"   "5410264"   "5410343"   "5414455"   "5414733"   "5422876"   "5428608"   "5430793"   "5440335"   "5442390"   "5453779"   "5461415"   "5461616"   "5461640"   "5469495"   "5475735"   "5477263"   "5479447"   "5495483"   "5504736"   "5504753"   "5506868"   "5513251"   "5521949"   "5528585"   "5546379"   "5555244"   "5574724"   "5583872"   "5598406"   "5600712"   "5602902"   "5631897"   "5649001"   "5668857"   "5678004"   "5687176"   "5737364"   "5756280"   "5757803"   "5770950"   "5781617"   "5799017"   "5812786"   "5852655"   "6021120"   "6282189"   "6466588").PN.	USPAT	OR	OFF	2004/04/30 15:03
S15	42	repeater.ab. and dsl	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/04/30 15:05
S16	9	"6088385"	USPAT	OR	OFF	2005/06/06 10:41
S17	10	("6519291" "6754233" "6760383" "6763097" "6765989").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/07 11:36

## EAST Search History

S18	0	S17 and requant\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/07 11:36
S19	0	S17 and requantiz\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 16:04
S20	0	S17 and quantiz\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/07 11:36
S21	0	\$1dsl.ab. and repeater.ab. and requantiz\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 16:05
S22	0	\$1dsl.ab. and requantiz\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 16:05
S23	0	\$1dsl.ab. and requantiz\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 16:05
S24	14	\$1dsl and requantiz\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 16:05
S25	8	dmt.ab. and \$2modulat\$3.ab. and \$2quantizat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 13:44
S26	23	dmt.ab. and \$2modulat\$3 and \$2quantizat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 13:49

## EAST Search History

S27	14	dmt same \$2modulat\$3 same \$2quantizat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 13:56
S28	822	requantiz\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 14:02
S29	0	requantiz\$4 and dmt	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 13:56
S30	4	requantiz\$4 and adsl	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 13:59
S31	0	requantiz\$4 and \$1dsl.ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 13:59
S32	9	requantiz\$4 and \$1dsl	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 14:01
S33	1	requantiz\$4 with demodulat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 14:01
S34	1	requantiz\$4 and repeater	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 14:02
S35	145	\$1dsl near3 repeater	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/12 00:37
S36	23	S35 and splitter and (phone telephone pots)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/12 02:07

## EAST Search History

S37	66	repeater same \$2quantiz\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/12 02:13
S38	25	repeater same \$2quantiz\$5 and repeater.ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/12 02:13
S39	19653	repeater.ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/12 04:36
S40	174	S39 and \$1dsl	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/12 04:36
S41	6	S40 and quantiz\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/12 04:37
S42	6	S40 and quantiz\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/12 04:38
S43	1120	requantiz\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/12 04:44
S44	6	S43 and repeater	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/12 04:39
S45	10	S43 and adsl	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/12 04:46
S46	264	S39 and (data with recover\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/12 04:47

## EAST Search History

S47	8	S46 and \$1dsl	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/12 04:55
S48	593	repeater same (recover\$4) same (data input)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/12 04:56
S49	184	S48 and (phone telephone)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/12 04:56
S50	10	S49 and \$1dsl	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/12 05:01
S51	2992	digital with repeater	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/12 05:01
S52	576	S51 and ((recover\$4 regenerat\$4) with (data input) )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/12 05:03
S53	438	S52 and (pair pots phone telephone)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/12 05:03
S54	227	S51 and ((regenerat\$4) with (data) )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/12 05:03
S55	90	S54 and ((pair pots phone telephone) with repeater)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/12 05:04
S56	399	"evolution data only"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/13 14:24

## EAST Search History

S57	101	("evolution data only").ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/13 14:55
S58	1082	messi	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/13 14:55
S59	0	messi same nokia	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/13 16:33
S60	21	cyanoalkylamino.ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/13 17:46
S61	1776	"ring back".ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/13 17:46
S62	652	"ring back".ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/13 17:46
S63	0	375/214.ccls	USPAT	OR	OFF	2007/04/01 18:15
S64	411	375/214.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/19 02:05
S65	1	S64 and \$1dsI	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/19 02:06

## EAST Search History

S66	115	S64 and repeater and regenerat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/19 02:11
S67	121	S64 and repeater and regenerat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 02:07
S68	0	S67 and adsl	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 02:06
S69	0	S64 and repeater and regenerat\$4 and demodulate and subscriber	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 02:08
S70	20	S64 and repeater and regenerat\$4 and demodulat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 02:08
S71	114	\$1dsl and repeater and regenerat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/19 02:11
S72	162	\$1dsl and repeater and regenerat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 02:12

## EAST Search History

S73	57	S72 and demodulat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 02:14
S74	911727	amplifier	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 05:21
S75	863	(adsl and transceiver) and amplifier	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 06:11
S76	21	(adsl and transceiver).ab. and amplifier	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 05:22
S77	567	"t1.413"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 06:12
S78	73	"t1.413" and constellation and demodulation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 06:12
S79	45	"t1.413" and constellation and demodulat\$3 and (recover\$4 with data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 06:16

## EAST Search History

S80	7	"t1.413" and constellation and demodulat\$3 and (\$1quantiz\$5 with data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 06:17
S81	392	\$1dsl and slicer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 06:17
S82	154	\$1dsl and (slicer with data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 06:20
S83	33	"t1.413" and (slicer with data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/19 06:21
S84	33	(video with karaoke).ab.	USPAT	OR	OFF	2007/03/30 12:35
S85	16440	splitter and amplifier	USPAT	OR	OFF	2007/03/30 12:36
S86	3053	splitter with amplifier	USPAT	OR	OFF	2007/03/30 12:36
S87	26	(splitter with amplifier) and adsl	USPAT	OR	OFF	2007/03/30 12:58
S88	0	"09191168"	USPAT	OR	OFF	2007/03/30 12:44
S89	46	("3723653"   "3937889"   "3974337"   "3992589"   "4054910"   "4302629"   "4328579"   "4509211"   "4546212"   "4608686"   "4670870"   "4679227"   "4709412"   "4757495"   "4757497"   "4766402"   "4776006"   "4785448"   "4785472"   "4799213"   "4807225"   "4825435"   "4829570"   "4849811"   "4882747"   "4885803"   "4890316"   "4893326"   "4918688"   "4924492"   "4949187"   "4953160"   "4955048"   "4985892"   "5010399"   "5025443"   "5036513"   "5089886"   "5095497"   "5247347"   "5283637"   "5844596"   "5929896"   "5949476"   "6185284"   "6243446").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/30 12:47
S90	19	(combiner with amplifier) and adsl	USPAT	OR	OFF	2007/03/30 13:02

## EAST Search History

S91	0	(combiner with amplifier) and adsl.ab.	USPAT	OR	OFF	2007/03/30 13:06
S92	0	(combiner with amplifier) and repeater and adsl.ab.	USPAT	OR	OFF	2007/03/30 13:06
S93	1	(combiner with amplifier) and repeater and adsl	USPAT	OR	OFF	2007/03/30 13:07
S94	0	(combiner with amplifier) and repeater and dsl	USPAT	OR	OFF	2007/03/30 13:07
S95	0	(combiner with amplifier) and repeater and hdsl	USPAT	OR	OFF	2007/03/30 13:09
S96	0	(combiner with (amplif\$3 amplification) ) and repeater and hdsI	USPAT	OR	OFF	2007/03/30 13:10
S97	2	(combin\$5 with (amplif\$3 amplification) ) and repeater and hdsI	USPAT	OR	OFF	2007/03/30 13:12
S98	3453	(combin\$5 with (amplif\$3 amplification) ) and splitter	USPAT	OR	OFF	2007/03/30 13:12
S99	303	(combin\$5 with (amplif\$3 amplification) ) and splitter and (voice with data)	USPAT	OR	OFF	2007/03/30 13:12
S10 0	44	(combin\$5 with (amplif\$3 amplification) ) and splitter and (voice with data) and \$dsl	USPAT	OR	OFF	2007/03/30 13:13
S10 1	0	((combin\$5 with (amplif\$3 amplification) ) same (voice with data) ) and splitter and (voice with data) and \$dsl	USPAT	OR	OFF	2007/03/30 13:14
S10 2	13	((combin\$5 with (amplif\$3 amplification) ) same splitter ) and splitter and (voice with data) and \$dsl	USPAT	OR	OFF	2007/03/30 13:21
S10 3	37	((combin\$5 with (amplif\$3 amplification) with loss ) same splitter ) and splitter	USPAT	OR	OFF	2007/03/30 13:24
S10 4	155	((combin\$5 with (amplif\$3 amplification) with loss )) and splitter	USPAT	OR	OFF	2007/03/30 13:24
S10 5	0	S104 and dsl	USPAT	OR	OFF	2007/03/30 13:24
S10 6	0	S104 and \$1dsl	USPAT	OR	OFF	2007/03/30 13:24
S10 7	9	S104 and subscriber	USPAT	OR	OFF	2007/03/30 13:27
S10 8	663	repeater and splitter and (amplif\$5 amplification)	USPAT	OR	OFF	2007/03/30 13:27
S10 9	204	repeater and splitter and ((amplif\$5 amplification) with loss)	USPAT	OR	OFF	2007/03/30 13:27
S11 0	23	repeater and (splitter same ((amplif\$5 amplification) with loss) )	USPAT	OR	OFF	2007/03/30 13:28